

CLAIMS

1. A DNA fragment in which a translation termination codon is inserted into the 5' upstream side of an active site of a lethal gene.
2. The DNA fragment according to claim 1, which has restriction enzyme cleavage sites in both terminal sides.
3. The DNA fragment according to claim 2 or 3, wherein one or at least two translation termination codons are inserted.
4. The DNA fragment according to any one of claims 1 to 3, wherein the active site encodes a colicin-derived polypeptide.
5. The DNA fragment according to any one of claims 1 to 4, wherein the active site comprises a nucleotide sequence encoding the amino acid sequence represented by SEQ ID NO:18 or 19.
6. A DNA fragment which comprises the nucleotide sequence represented by SEQ ID NO:14.
7. The DNA fragment according to any one of claims 1 to 6, wherein a neutralizing gene for the lethal gene is conjugated to the 3' downstream side of the active site of the lethal gene.
8. The DNA fragment according to claim 7, wherein the nucleotide sequence of the neutralizing gene is represented by SEQ ID NO:15.

9. A marker for transformant selection, which comprises the DNA fragment according to any one of claims 1 to 8.

10. The marker for transformant selection according to claim 9, wherein the transformant is obtained by transforming *Escherichia coli*.

11. A recombinant vector into which the DNA fragment according to any one of claims 1 to 8 is inserted.

12. The recombinant vector according to claim 11, which is free of an expression promoter for the lethal gene.